

Patent Abstracts of Japan

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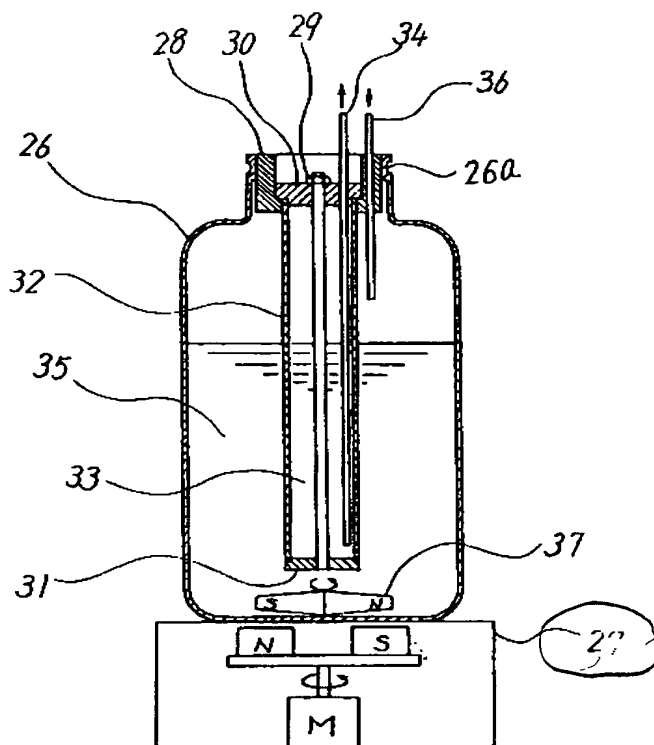
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TITLE : INK TANK FOR INK JET RECORDER



ABSTRACT : PURPOSE: To prevent the sedimentation and deposition of pigment in ink by providing a stirrer for ink to the ink tank of an ink jet recorder using a pigment- based ink.

CONSTITUTION: A bottomed ink tank 26 having an opening 26a on its upper part is placed on a magnetic stirrer 27. A cylindrical filter element 32 is attached to a filter receiver 28 as the stopper of the opening 26a to form the first chamber 33 to store ink filtered. The other portion becomes the second chamber 35, and on the bottom, a rotator 37 corresponding to the magnetic stirrer 27 is provided. When ink in the second chamber 35 is stirred by the rotator 37, the sedimentation and deposition of ink in the second chamber 35 can be prevented, and the flow of ink acts on even the inside of the first chamber 33 through the filter element 32. The sedimentation and deposition of pigment in the ink in the first chamber 33 can also be prevented.

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